www.urbanhort.org

urban HORTICULTURE

UNIVERSITY OF WASHINGTON COLLEGE OF FOREST RESOURCES **SPRING 2005**

2 SPECIAL EVENTS

4 MILLER LIBRARY NEWS

5 PLANTING IN A DROUGHT YEAR

6 NEWS FROM CUH, WPA, AND THE FOUNDATION

7 VOLUNTEER NEWS AND OPPORTUNITIES

8 CLASSES AND PROGRAMS

11 YOUTH AND FAMILY PROGRAMS

13 EVENTS CALENDAR

15 REGISTRATION FORM

16 DIRECTOR'S NOTES

Here At Last!

After months of anticipation, Professor David Mabberley arrived from Australia February 12 as Director of the Center for Urban Horticulture and Washington Park Arboretum. He also holds the Orin and Althea Soest Chair in Horticultural Science and is Professor of Economic Botany at the University of Washington.

An internationally-acclaimed expert in plant systematics and ecology who has written 14 books and over 200 other scientific publications, Professor Mabberley is originally from Oxford, England. Based for several years in Sydney Australia doing international projects for his firm David Mabberley Consulting, he has been pursuing writing and research through an honorary research associateship at Sydney's Royal Botanic Gardens. He also holds an academic position at the University of Leiden, Netherlands, and Directorship of the Sir Joseph Banks Archive in London, two connections he is maintaining in the future.

Among his publications is *The Plant-Book: A Portable Dictionary of the Vascular Plants*, which is designated by the European Union as the standard dictionary of plants and plant products. He managed the renowned gardens of Wadham College Oxford (where he was Dean) and curated the Oxford University Herbaria, a combined collection of over a million plant specimens which he restructured. He served as senior proctor in the University of Oxford when he was on the board of the Oxford Botanic Garden and of the Bodleian (university) Library. Since then he was the CEO of Greening Australia (NSW), the most significant revegetation non-governmental organization in Australia.

The scientific side of Professor Mabberley's career is devoted to the teaching and study of biodiversity in the interlocking disciplines of ecology and conservation, systematic botany and evolution. He is largely focused on forest trees and other plants of economic importance. *(continued on page 3)*

CENTER *for* URBAN HORTICULTURE

You are invited to meet Professor David Mabberley after his lecture titled "Treasures of the Miller Library" on Sunday May 22. For more information, see page 2 or phone 206-685-8033

SPECIAL EVENTS

"Treasures of the Miller Library"

Lecture by Professor David Mabberley

DATE & TIME: Sunday, May 22, 2005 Rare Book Preview at 6 p.m., Lecture at 7 p.m. with reception following

LOCATION: Center for Urban Horticulture

FEE: $10 suggested donation at the door. RSVP by phoning 206-685-8033.

CUH, WPA, and the Miller Library invite you to enjoy a lecture by Professor David Mabberley, welcome him as new director, and celebrate the 20th anniversary of the Miller Library on the occasion of the return of the rare book collection. The UW Special Collections Library housed the heart of the Miller Library's collections ever since the devastating fire of four years ago. Professor Mabberley has extensive knowledge, and a considerable personal collection, of many early horticultural and botanical works. Several of the treasures will be on display in the Miller Library before and after the lecture.

Gardener's Question Time

DATE & TIME: Thursday, April 14, 7 p.m.

LOCATION: 110 Kane Hall, University of Washington

FEE: $5 at the door

Join Sasquatch Books and a panel of garden experts in a lively discussion to benefit the Center for Urban Horticulture. Get all your tricky gardening and floral design questions answered as Veronica D'Orazio, Marty Wingate, Ed Hume, and Cass Turnbull share their expertise with the audience. For more information, visit *www.sasquatchbooks.com* or phone 206-826-4325.

Celebrate Wildflowers with Rare Care

DATE & TIME: Saturday, May 21, 2005, 9:30 a.m. to 3:30 p.m.

LOCATION: Woodland Park Zoo's Family Farm

FEE: Free with Zoo admission

Join the Washington Rare Plant Care and Conservation Program (Rare Care) to promote the importance of native plants and their habitats. Children of all ages will enjoy peering at plants through microscopes, petting moss, leaf rubbing and the always popular flower-pollinator game. Adults can have fun with pine cone ID and seed dissection and learn about regional conservation programs. The National Park Service, US Forest Service and Bureau of Land Management developed this nationwide event to highlight the aesthetic, recreational, biological and economic value of wildflowers. For more information call Rare Care at 206-616-0780 or visit their website at *www.depts.washington.edu/rarecare*.

(continued from page 1)
As such, he is as well versed in tropical plant studies as he is in temperate plant studies. His book, *Tropical Rain Forest Ecology*, is a standard university textbook covering ecology and conservation of tropical rainforests. He is a bibliophile and has a deep interest in the history of botany, horticulture, and botanical illustration. On the last topic, two of his recent books are *Ferdinand Bauer: The Art of Discovery* and *Arthur Harry Church: The Anatomy of Flowers*.

As Director of the Center for Urban Horticulture, Washington Park Arboretum, and the Miller Library, David will oversee the implementation of the Arboretum Master Plan in addition to leading the Center's programs in urban horticulture. His expertise in systematic botany, ecology, forest tree management, and biodiversity will enable him to steer CUH and WPA jointly into a long and productive future.

Riz's Year in China

Rizanino Reyes, Student in Environmental Horticulture

The last five months here in China have brought with it some of the most memorable experiences of my life! From the scenic views and lush vegetation of the natural landscape to the chaos of city streets and open markets, this school year in Sichuan has certainly had a lot to offer. From a horticultural perspective, Sichuan is probably one of the richest, most abundant places on earth to find rare, diverse plant species.

I began my year with a "dream come true" plant expedition led by Dan Hinkley to the Northeastern reaches of the province where I saw many plants that I grow in my garden growing wild. I also got to experience firsthand the excitement and jubilant joy of plant explorers when they discover a longed for plant, in this case a sassafras.

Life in China is a true test of my patience, tolerance and persistence. This is partly because this is the first time I've ever lived on my own so everything in day-to-day-living is my responsibility. Also, the school system is hard to get used to with its disorganization, and lack of communication and classes for non-Chinese speakers. I keep reminding myself of what my purpose is and to do my best to balance schoolwork, horticultural and botanical research, and all-out experiencing life in Chengdu.

At Sichuan University I am conducting both botanical and horticultural research. My horticulture project involves studying the plant selections at the Sichuan public gardens and how locals view the plants in this urban landscape. My results may be useful for the Seattle Chinese Garden. For my botany research, I am conducting a general overview of Sichuan's flora. I am collecting herbarium specimens which I hope will add to the Hyde Herbarium collection at CUH upon my return.

I have also been collecting seed to propagate in Seattle. One plant I hope to get going is a *Viburnum* species from the Tibetan Plateau. Its small, elliptically-oval, deep green, evergreen foliage and umbels of stunning metallic blue fruit resemble *Viburnum tinus*. My favorite herbaceous specimen I collected seed from is a large *Paris* species. I was struck by the deep purple stems and petioles of this trillium relative with its radial foliage about the size of the palm of my hand.

Riz (in center of photo) and fellow plant explorers on an expedition led by Dan Hinkley.

Outside of school and studying, I've been out with friends to the bars and clubs, visited parks, eaten an assortment of savory Sichuan dishes, and even kept up with other interests such as figure skating, dancing (my attempt at "working out") and music. I'm limiting singing outside fearing the bad air will damage my lungs faster than starting to smoke. And I learned to ride a bike here, thank goodness!

Through the ups and downs of life here in China, nothing can even compare and ever replace the experiences I've had. It never would have happened without the generosity of Professors Kalonji, Hinckley and Harrell from the UW; the Northwest Perennial Alliance, Professor Sarah Reichard and everyone at CUH who contributed to my plant expedition trip; and all my gardening friends, customers and family who supported my decision to study abroad!

Miller Library News

Rare Book Collection Returns

One of the treasured assets of the Center for Urban Horticulture returns home in late spring. The Miller Library's rare book collection will be moved into its specially designed and environmentally controlled room. More than 800 volumes spanning four centuries will be available for limited and careful use by scholars, faculty, students and the general public.

Many of these books are art objects in and of themselves, their hand-colored plates aglow with color, undimmed by the years since artist put brush to paper. You can find superb engravings of Ferdinand Bauer, James Sowerby and other artists dedicated to fine art in the illustration of flowers, fruits and plants.

The volumes of the collection, some sturdy and others far more fragile, contain within them the history of botany, horticulture and gardening, taking visitors back to another time far removed from our own.

The earliest works – Gerard's *Herball* (1636), Parkinson's *Paradisi in Sole* (1629) and *Theatrum Botanicum* (1640) are part of the great British tradition of woodcut herbals. Others document the introduction of new plant species and trace discoveries into Asia and the Americas. The rise of gardening as a popular pastime grew in the late nineteenth and early twentieth centuries and books began offering practical advice and creative ideas for home gardens.

The Rare Book Collection is only available by appointment, made in advance by calling 206-543-0415. However, frequent displays of selected materials will be on view in the library's entry display cabinet. For a more in-depth preview, please come to the celebration of the Miller Library's 20th anniversary on May 22nd. See page 2 for more information.

Rosa centifolia* from Willmott's *The Genus Rosa

Virtual Tour of the Miller Library

Take the virtual tour of the new Elisabeth C. Miller Horticultural Library from your easy chair at home by visiting the web site: *http://depts.washington.edu/hortlib/LibVTourRev.pdf.* You can trace the history of the library from its founding through the opening of the new Merrill Hall this January. Learn about the design features and materials that contributed to Merrill being the first LEED™ certified "green" building on the UW Seattle campus. See pictures of the various spaces that make the new library both more flexible and efficient, and a very comfortable space to work on an assignment, do research for a project, or just relax and read from the newest books and magazines on horticulture.

Herbarium and Library Collaborate

The Miller Library and the Hyde Herbarium have created a display in the Library's entrance featuring invasive and noxious weeds. Library books and herbarium specimens are paired to highlight the information available in both collections. Our thanks to Library staffer Martha Ferguson and Herbarium RA Wendy DesCamp for putting this fine display together. It will be available until April 30.

Planting in a Drought Year

CAROL ORION, MILLER LIBRARY LIBRARIAN

From May through September, water use in our region nearly doubles, primarily for lawns and gardens[1] . Seattle has had only 68% of normal rainfall since October, there are record low snow packs in the mountains and an abnormally dry summer is predicted for the Pacific Northwest[2]. Those of us who have invested countless hours (and dollars) creating gardens don't want to see our efforts shrivel up and die during the coming months. Here are a few simple tips that will help you maintain a healthy garden and also conserve water for the benefit of fish, wildlife and our community

MULCH holds moisture in the soil, smothers weeds and improves soil structure over time. Mulch is simply a layer of organic material spread over the soil to a depth of 2 to 5 inches. It can consist of wood chips, landscape fabric, grass clippings, hay, leaf mould, peanut hulls, pine needles, stone, or just about any material that is weed-and disease-free[3] .

GROUP PLANTS with similar water needs together so they all get the correct amount of water more easily. Watering too much or not enough produces weak plants that are susceptible to pests and diseases[1]. Some plants require regular water to do their best while others don't need as much water after the first few years in the garden.

DRIP IRRIGATION and SOAKER HOSES are the best way to water most plants (except lawns) because they apply water directly to the soil with minimal evaporation or runoff. Soaker hoses "sweat" water along their entire length. Drip irrigation systems apply water directly to the soil through tiny outlets in flexible tubing. Materials and instructions are available at retail nurseries, hardware stores and through mail-order catalogs. Establishing a drip system is easy and relatively inexpensive. An afternoon spent planning and installing is well worth the effort.

MAKE EVERY DROP COUNT. Experts estimate that 50% or more of summer garden watering is wasted in evaporation, runoff, or simply over-watering. Watering deeply but less often encourages deep roots and prevents disease. Let the top few inches of soil dry before watering again so roots and soil don't become waterlogged. Exact duration and frequency of watering depend on temperature, wind conditions, soil type and plant variety. Easy-to-follow guidelines are available through Saving Water Partnership's publication *Smart Watering*. For copies, contact the Natural Lawn and Garden Hotline, 206-633-0224 or visit *www.savingwater.org/outside_watering.htm*. Click on "Smart Watering".

1. *The Natural Lawn & Garden; Healthy Landscapes for a Healthy Environment—Smart Watering*, by Seattle Public Utilities et. al., fall 2004.

2. National Drought Monitor website: *http://www.drought.unl.edu/dm/index.html*

3. *Mulch It; a Practical Guide to Using Mulch in the Garden and Landscape*, by Stu Campbell, Pownal, Vt.: Storey Books, 2001

Heronswood Fund Raiser For Library a Big Success

CUH Alum Dan Hinckley and partner Robert Jones once again put on a successful fund-raising event for the Miller Library at Heronswood Nursery. Over 1100 visitors came to the eighth annual "Hellebores and More" Open Garden on February 18 and 19, raising more than $7500. Library staff and volunteers helped with taking admissions, at the Will Call Table, and guiding eager shoppers throughout the nursery. We thank Dan and Robert for their generosity and for continuing support for the Miller Library.

Plant Answer Line

The Plant Answer Line is open from 9 a.m. until 5 p.m. Monday through Friday. Call UW PLANT, 206-897-5268, or e-mail your question to: *hortlib@u.washington.edu*

Tour the new Miller Library and Merrill Hall on Monday: April 4, May 2, and June 6 at 7 p.m. No reservations required. Phone 206-543-0415 for more information. Tours are also available at other times, free of charge, to garden clubs, horticultural classes and other groups. Please call 206-543-0415 to schedule.

News from CUH and WPA

Horticulture Club Tee Shirts for Sale

Students from the Horticulture University Group are still taking orders for tee shirts. Visitors to the Merrill Hall dedication witnessed the enthusiasm of these students who recently formed the group to promote horticulture interest and education. Events have included a pruning workshop and future plans include nursery tours and educational workshops. Anyone interested in purchasing the earthy green shirts with the Merrill Hall tile design may phone 253-651-5425 for more information.

SERNW Regional Conference in April

"Sustainability and Restoration: A Practical Partnership for the 21st Century" is the title of the SERNW Conference which will be held April 4-8 at the Washington State Convention Center. The conference will offer field trips, workshops, over 100 presentations in concurrent sessions, a poster session and special plenary speaker Terry Tempest Williams. Additionally, dozens of exhibitors will be showcasing their products and services. Visit the website at *www.sernw.org* for more information.

Duck Bay Dedication: Saturday, April 2

Arboretum Foundation members, volunteers and the community are invited to join Arboretum and Seattle Parks and Recreation officials for the public dedication of the Duck Bay shoreline restoration on Saturday, April 2, at 12:30 p.m. Reservations are not required.

The $1.2 million project includes repair of shoreline erosion, shoreline plantings, restored trails, a new footbridge to Foster Island, waterfowl viewing platforms and canoe landings. It was funded by the King County Shoreline Park Improvement Fund and the project was managed by the Seattle Department of Parks and Recreation.

Arboretum Foundation News and Events

For information on the Arboretum and its programs, please visit the website at *www.wparboretum.org*. Event information is found at the foundation website: *www.arboretumfoundation.org*

Early Bloomers Plant Sale
Saturday, April 9, 10 a.m. to 2 p.m.

The Arboretum Foundation kicks off the plant sale season with this sale, held at the Graham Visitors Center. Hundreds of selections for early spring planting will be featured.

FlorAbundance Plant Sale
Magnuson Park
Saturday, April 23 10 a.m. to 5 p.m.
Sunday, April 24, 10 a.m. to 3 p.m.

Dozens of specialty nurseries and vendors offer one of the Northwest's best plant selections. The new sale location, just north of the previous location at Magnuson Park, offers twice the space as before. Available plants include hardy and tender perennials, annuals, trees, shrubs, vines, herbs, grasses and vegetable starts.

Summer Solstice Sale
Water-Wise Plants, Container Gardens & Lewisia

Saturday, June 18, 10 a.m. to 2 p.m.

This sale offers a broad selection of plants for summer and container gardening, including many drought-tolerant container gardens crafted by Arboretum volunteers. Held at the Arboretum's Graham Visitors Center.

Weekly Plant Sales, Tuesdays 10 a.m. to noon

Seeds and cuttings from the Pat Calvert Greenhouse sold on-site. Wednesdays, 10 a.m. to 2 p.m. Just South of the Greenhouse. Volunteers sell plants from area gardens. Great selection and prices.

volunteer NEWS AND OPPORTUNITIES

Volunteers Needed for CUH Children's Garden

The former Soundscape Garden located on the western edge of CUH is being transformed into a fun and funky children's garden. CUH graduate students designed and installed the garden as part of their course work for EHUF 480 and 482. With University of Washington family housing and day care facilities just across the street, the location is ideal for a children's garden. The innovative and interactive design will eventually include a whimsical spinning statue, water-squirting frogs resting on lily pads, and a recycled glass pathway with dancing lights underneath.

To guide visitors to the garden, a new path was cut from the sidewalk and two new planting beds were installed. Plants were selected according to their soil requirements, water-use, and non-poisonous characteristics. Child-unfriendly plants with toxic plant parts or sharp spines (barberries and nandina, for example) were removed from the beds, and replaced by "child safe" plants such as lavender and woolly thyme. Plans include a tunnel through a weeping white pine *(Pinus strobus* 'Pendula'*)* into a play room encircled by *Acer rubrum* 'Columnare'.

Work continues on this project, but there is still much to be done! If you have some extra time and get the urge to dig in the dirt for a worthy cause, please call Barbara Selemon at 206-685-2613. All levels of gardening expertise and interest are welcome and appreciated. To see the entire scope of the project, visit its website at *http://staff.washington.edu/tls2/EHUF_482.htm.*

Volunteer at WPA

Tuesdays in the Garden: Volunteers care for Arboretum plant collections and manage invasive weeds. Become a regular Tuesday gardener every week from 12:30 to 3:30 p.m. Phone David Zuckerman at 206-616-4050.

Guides for Saplings School Programs

Washington Park Arboretum introduces students in grades K-8 to plant science and Arboretum collections through the Saplings School Programs, offered Monday - Friday during the school year. Volunteer Saplings guides are asked to commit to lead one program weekly for 10 weeks plus attend one 3 hour training session. All levels of experience are welcome! Please call the WPA Education Department for details at 206-543-8801.

WPA Information Desk: Greet visitors, share your enthusiasm, answer questions, and interact with staff and other volunteers. Shift times are either half or whole days once a week. Phone Brett Mercier at 206-543-8800.

The **Arboretum Curation Office** needs volunteers to help develop arboretum plant collection maps, serve as plant records aide, and help with office support. Volunteers are also needed to collect and process seed for the International Seed Exchange. Contact Randall Hitchin at 206-616-1118.

Volunteer at CUH

CUH Reception Desk: Enjoy the pleasant surroundings of the new Merrill Hall and help our visitors experience all that CUH has to offer. Help out with phone calls, light office work, and answering general questions about the gardens and facilities. Call Ray Larson at 206-616-9113.

Union Bay Gardeners are needed to perform seasonal maintenance tasks at the Union Bay Gardens located at CUH. Contact Barbara Selemon at 206-685-2613.

Volunteer for Rare Care Program: Participate in the conservation of our state's rare and native plant population by volunteering as a rare plant monitor or rare plant seed collector or processor. Please phone Kim Frappier at 206-616-0780 or email *rarecare@u.washington.edu.*

Seattle Youth Garden Works is an employment-training program for homeless and under-served youth. Volunteers are needed to help with youth mentoring, garden maintenance, fundraising and to serve on our advisory board. Please contact the Volunteer Coordinator at 206-525-1213, ext. 4131 for more information.

classes AND PROGRAMS

Write Your Garden for Publication or Pleasure

DATE & TIME: *Tuesday April 26, 7 to 9 p.m.*
INSTRUCTOR: *Valerie Easton, Garden Writer*
LOCATION: *Douglas Headhouse, CUH*
FEE: *$25; $22 Arboretum Foundation members; pre-registration required*

Join Seattle Times garden columnist Valerie Easton for a discussion and workshop on garden writing. Gardeners tend to be readers and writers. These interests serve them well in understanding, enjoying, and documenting their garden, or perhaps turning their observations into a profession. Whether to freeze a moment in your garden or to earn a living, garden writing is a skill, discipline, and great fun. The class will look at the best garden reading, inspiration, the nitty-gritty of writing, and the business of getting published. This class is for anyone interested in garden writing. Val is a librarian, writes a column, has published two books and is working on both a novel and a new book on garden design to be published in 2006 by Timber Press. She is an associate editor for *Horticulture Magazine*, and writes regularly for U.S. and British gardening journals. Bring questions or short pieces of writing– there will be time to explore both.

First Thursdays in the Soest Garden

DATE & TIME: *Thursday April 7, May 5, and June 2, noon to 1 p.m.*
INSTRUCTOR: *Lynne Thompson, CUH Gardener*
LOCATION: *Soest Garden, CUH*
FEE: *Free*

Lynn Thompson cares for the 200+ types of perennials in the Soest Garden at CUH. Join her on the first Thursday of every month for a noon-time lesson on gardening with perennials. She will cover the topic of spring maintenance in April, ten great plants for spring gardens in May, and container combinations in June.

Mediterranean Garden Design for the Pacific Northwest

DATES & TIMES: *Tuesday, May 3, 7 to 9 p.m.*
INSTRUCTORS: *Phil Wood, Garden Designer*
LOCATION: *NHS Hall, CUH*
FEE: *$25; $22 Arboretum Foundation members; pre-registration required.*

In this illustrated talk, designer Phil Wood will share how to create residential gardens that draw design inspiration from the Mediterranean, both in hardscape and plants. The Northwest shares with the Mediterranean a gardening climate of wet winters and dry summers. Plants that thrive on the shores of that ancient sea (and in other Mediterranean climates in South Africa, Chile and Australia) also do well in our area. See before and after photos of garden transformations and learn design techniques that will assist you and your garden in sailing through a dry summer in our challenging and rewarding horticultural climate.

The Art of Espalier

DATE AND TIME: *Thursday May 5, 7 to 8:30 p.m.*
INSTRUCTOR: *David Conners, President of the Seattle Tree Fruit Society*
LOCATION: *Douglas Classroom, CUH*
FEE: *$25; pre-registration required*

An espaliered tree, bush, or vine is so visually appealing that it is easy to overlook its practical advantage - saving space. Trained on wires against a sunny wall, or a free-standing natural fence, a small number of espaliered stems can provide a worthwhile amount of fruit and a great deal of pleasure to a gardener with limited space.

David Conners will discuss the basics of creating and maintaining an espalier, focusing on a form in his own garden known as the Belgian Fence, to be featured in an upcoming *Sunset Magazine* article. Attention will also be given to conventional wintertime pruning, but also to the need for summer pruning. Practical planning advice will also be given.

Protecting Your Apple Tree from Persistent Pests

DATES & TIMES: *Wednesday, May 11, 7 to 8 p.m., & Saturday, May 14 or 21, 10:30 to noon*
INSTRUCTOR: *David Conners, President, & other members of the Seattle Tree Fruit Society*
LOCATION: *Douglas Classroom, CUH*
FEE: *$25; pre-registration required*

The Seattle Tree Fruit Society will discuss some new, non-toxic approaches to protecting your apple tree from coddling moths and apple maggots. For many years, the traditional approach was to spray with chemicals.The class will meet at CUH on May 11 for an evening discussion. Students are then invited to attend a demonstration in a local orchard on either May 14 or 21. Orchard location to be announced at the May 11 class.

The Flora of Seattle in 1850

DATE & TIME: *Wednesday, May 25, 7 to 9 p.m.*
INSTRUCTORS: *Ray Larson, CUH Facilities Coord.*
LOCATION: *Douglas Classroom, CUH*
FEE: *$25; $22 Arboretum Foundation members; pre-registration required*

In November of 1851, the Arthur Denny party landed on what would eventually be known as Alki Beach in West Seattle. They met a landscape and ecosystem that has been altered drastically ever since. Ray Larson, recent Masters of Science candidate in the CUH graduate program, spent nearly three years sifting through historical documents and ecological references for the first in-depth study of the landscapes and plant species of Seattle prior to the City's settlement by Euro-Americans in 1851. Many of these landscapes and species are no longer found in our urban environment.

Landscape Construction: Concrete Pavers

DATE & TIME: *Saturday, June 18, 10 a.m. to 1 p.m.*
INSTRUCTORS: *Bill Koogler, General Contractor*
LOCATION: *Douglas Headhouse, CUH*
FEE: *$60; pre-registration required*

Learn the basics of working with concrete. See a variety of examples of poured concrete at CUH. Learn how to estimate the amount of concrete to buy, how to prepare a form, and how to pour and finish. This is a hands-on class. Students will make, and take home, 12" concrete pavers so bring gloves and good work shoes. Class fee includes a $22 supply fee.

green buildings for green thumbs

These classes are planned jointly with Seattle City Light, NW Solar Center, and CUH's other "green building" partners.The NW Solar Center consists of 22 utilities, businesses, and non-profit organizations working to advance solar technologies in the Pacific Northwest.

Solar Tour of Seattle

DATE & TIME: *Saturday, April 30, 9 a.m. to 3:30 p.m.*
INSTRUCTOR: *Mike Nelson, Director of the NW Solar Center*
LOCATION: *Tour leaves from CUH parking lot*
FEE: *$65; pre-registration required. Fee includes transportation and sack lunch*

Join CUH and Mike Nelson of the NW Solar Center on a lively tour of solar power on"green" buildings in Seattle, both residential and public. You will see small residential solar systems and larger commercial solar systems including free-standing, roof-mounted, and building-integrated. The tour will start at CUH's Merrill Hall, and then head to the Ballard Library, Carkeek Park Environmental Learning Center, Greenwood Cottages, Meridian Middle School, and Magnuson Park.

Solar Electricity for Homeowners

DATE & TIME: *Saturday May 21, 10 a.m. to 2 p.m.*
INSTRUCTOR: *Mike Nelson, Director of the NW Solar Center*
LOCATION: *Isaacson Classroom, CUH*
FEE: *$40; pre-registration required.*

It can pay to install solar power in your home, even in rainy Seattle. This class is for homeowners interested in exploring if solar electricity is right for their home. The class will learn how to assess a site, size a system, determine costs vs benefits, and compare the various solar products on the market. Review the residential energy code, building codes, and how to choose a contractor or do it yourself. Finally, the class will assemble and disassemble a working solar electric system in the classroom. Please bring a sack lunch since the class will run through the lunch hour.

walks and tours

Merrill Hall "Green Building" Tours

DATE & TIME: *1st Monday of each month starting at 7 p.m.*
INSTRUCTOR: *CUH and Miller Library Staff*
LOCATION: *Merrill Hall, CUH*
FEE: *Free*

Drop by CUH's Miller Library at 7 p.m. on the first Monday of the month (April 4, May 2, and June 6) for a tour of the new library and the "green features" of Merrill Hall. No appointment is needed. Tours of Merrill are also available at other times, free of charge, to garden clubs, horticultural classes and other groups. Please call 206-543-3889 to schedule.

Arboretum Walk: Native Plants and Ethnobotany of the PNW

DATE & TIME: *Sunday, April 3, 1 p.m.*
INSTRUCTOR: *Shawna Zuege, WPA Acting Education Coordinator*
LOCATION: *Meet at the Graham Visitors Center*
FEE: *Free*

Join Shawna Zuege, Acting Education Coordinator for the Arboretum, on this walk highlighting native northwest plants and their ethnobotanical qualities. Also learn about plant highlights of the Lewis and Clark expedition 200 years ago.

Arboretum Walk: Azalea Way in Bloom

DATE & TIME: *Sunday, May 1, 1 p.m.*
INSTRUCTOR: *Shawna Zuege, WPA Acting Education Coordinator*
LOCATION: *Meet at the Graham Visitors Center*
FEE: *Free*

Join Shawna Zuege, Acting Education Coordinator for the Arboretum, on this walk along Azalea Way during its magnificent bloom season. Learn the fascinating history of Azalea Way in the early 1900's, from the speedway to skid row.

practical gardening lectures

These lectures and demonstrations are planned jointly with WSU Extension and other non-profit partners. They are presented by experienced WSU Extension Master Gardeners or local experts.

Advice from the Tomato Expert

DATE & TIME: *Thursday, April 28, 7 to 8:30 p.m.*
INSTRUCTOR: *Wally Prestbo, Master Gardener*
LOCATION: *Douglas Classroom, CUH*
FEE: *$10; pre-registration required*

Wally Prestbo grows 25 tomato varieties for display in the Master Gardener Demonstration Garden as well as for sale at the Master Gardener Plant Sale, held at CUH April 16 and 17. This class will help you select the best varieties for our area, start seeds, nurture plant starts into maturity, choose a well-heated growing site, build a tomato trellis, and prevent and control tomato diseases.

Growing and Using Culinary Herbs

DATE & TIME: *Thursday May 19, 7 to 8:30 p.m.*
INSTRUCTOR: *Joan Helbacka, Master Gardener*
LOCATION: *Douglas Classroom, CUH*
FEE: *$10; pre-registration required*

Parsley, sage, rosemary and thyme; lavender, basil and dill are some of the culinary herbs that grow well in our area. Learn about growing these and other culinary herbs in your landscape or even containers. See photos of local herb gardens. Learn how to grow, harvest, preserve and use fresh herbs. Take home samples of fresh herbs along with cooking tips and recipes.

youth and family programs

For more information or to schedule the following programs, contact the Arboretum Education Office, weekdays at 206-543-8801.

Saplings School Programs

Washington Park Arboretum becomes nature's classroom for Saplings School Programs, educational tours for students in grades K-8. The 90-minute programs are held Monday through Friday mornings during the school year. Cost is $2.50 per child (chaperones are free). The Saplings program curricula are aligned with WA State Essential Academic Learning Requirements. Please call to reserve a date at least three weeks in advance.

Discover Plants:
Grades K-2
Younger students gain exposure to the wonderful world of plants through hands-on, sensory-focused exploration of the Arboretum. Students compare and contrast similarities between plants and people as they learn what each needs to grow and be healthy.

Wetland Ecology Walk: Focus on Habitats
Grades K-3
Explore the flora and fauna on Foster Island as students learn about the Arboretum's unique urban wetland. Students investigate wildlife habitats around this freshwater marsh.

Wetland Ecology Walk: Focus on Ecosystems
Grades 4-8
Investigate the complex world of a wetland ecosystem. Foster Island provides a unique opportunity for students to study a marsh up close and discover the importance and functions of wetlands.

Native Plants and People
Grades 3-8
What is a native plant? Students will learn to identify several northwest native plants and discover their historical importance to the Coast Salish people. Students will learn how native plants were used in daily life through discussion, hands-on artifacts and by role-playing.

Life Cycle of a Plant: Spring Sprouts
Grades 3-6, April - June
What is the reason for a flower? Discover the secrets of springtime as you learn about the lifecycle of plants from flower to fruit. Perpetuate the cycle by planting seeds of your own to take home.

Self-Guided Pack Programs

Family Adventure Packs
Investigate the wonders of the Arboretum with a Family Adventure Pack. Family packs, for groups of five or less, include easy-to follow activities, maps, field guides, games and more. Available year-round from 10 a.m. to 3 p.m. at the Graham Visitors Center Front Desk. $5 fee for two-hour rental. They are FREE to Arboretum Foundation Members and Arboretum Guides.

FAMILY TREE PACK Investigate the wonders of a living museum. Focus on leaves, buds, flowers, fruit and bark. Learn about pollination by doing it yourself!

WETLAND WONDERS Take a safari to Foster and Marsh Islands along the Waterfront Trail. Collect aquatic insects, go on a wetlands scavenger hunt and play games. Pack comes with binoculars!

arboretum guided tours

Enjoy the seasonal splendor of the Arboretum! Explore the flowering cherries, azaleas, rhododendrons and magnolias in full-bloom. This spring, take a guided tour of historic Azalea Way and Loderi Valley. Guided tours are available for groups of 10 or more.Tours are 60 to 90 minutes in length and are led by trained Arboretum guides.

- Fees: $3 per person ($2 for Arboretum Foundation members), $30.00 minimum.
- Three week advanced registration required.
- To reserve a date, call the WPA Education Office at 206-543-8801.

Arboretum Explorer Packs
Great for teachers, scouts, camps, daycare and other youth groups. Lead your own group on an exploration of the Arboretum with Explorer Packs. These are rental backpacks filled with fun activities, games, maps and equipment for investigating. Each Explorer Pack has a different theme and can accommodate up to 15 children. Available year-round from 10 a.m. to 3 p.m. (advance registration required). Rental fee is $15 for 2 hours.

TREE-TECTIVE Come sleuthing in the Arboretum and learn amazing facts about trees. This pack includes hand lenses, magnifiers, field guides, games and even "tree cookies!"

MARSH MADNESS Explore one of Seattle's largest wetlands, Foster Island, through aquatic dips, wildlife identification and games. Investigate the amazing critters and plants that make the wetland their home. This pack includes dip nets, aquaria, field guides, scavenger hunts and more.

Weekend Walks at One

Free weekend walks are offered the first and third Sunday of the month at 1 p.m. The 60 to 90 minute walks, led by trained Arboretum guides, focus on seasonal interest in the Arboretum. Walks depart from Graham Visitors Center. Call ahead to ensure a weekend tour, 206-543-8801.

events calendar FOR SPRING 2005

APRIL

2 Fuchsia Society Plant Sale, 9 a.m. - 1 p.m., CUH

3 **Arboretum Walk: Native Plants,** 1 p.m. WPA

4 **Library/Merrill Hall Drop-In Tour,** 7 p.m., CUH
Ornithological Society, 7 p.m., CUH
Iris Society, 7:30 p.m., CUH

5 **Botanical Illustration,** 7 p.m., CUH

6 WA Butterfly Association, 7 p.m., CUH
Rhododendron Society, 7:15 p.m., CUH

7 **Soest Garden Talk,** noon, CUH
WA Native Plant Society, 7 p.m. CUH

12 **Botanical Illustration,** 7 p.m., CUH
Puget Sound Mycological Society, 7:30 p.m., CUH

13 NHS Lecture, 7 p.m., CUH
Plant Amnesty, 7 p.m., CUH

14 Gardener's Question Time, 7 p.m., CUH

16 Master Gardener Plant Sale, 9 a.m. - 4 p.m., CUH

17 Master Gardener Plant Sale, 10 a.m. - 3 p.m., CUH

19 Rose Society, 7:30 p.m., CUH

21 Seattle Audubon Society, 7 p.m., CUH

23 African Violet Show and Sale, noon, CUH

25 P.S. Bonsai Association, 7:30 p.m., CUH

26 **Write Your Garden,** 7 p.m., CUH

28 **Advice from the Tomato Expert,** 7 p.m., CUH

30 **Solar Tour,** 9 a.m., CUH
Seattle Tree Fruit Society, 9:30 a.m., CUH

MAY

1 **Arboretum Walk: Azalea Way,** 1 p.m., WPA

2 **Library/Merrill Hall Drop-In Tour,** 7 p.m., CUH
Ornithological Society, 7 p.m., CUH

3 **Mediterranean Garden Design,** 7 p.m., CUH

4 WA Butterfly Association, 7 p.m., CUH

5 **Soest Garden Talk,** noon, CUH
The Art of Espalier, 7 p.m., CUH
Native Plant Society, 7 p.m., CUH

7 Orchid Society Sale, 9 a.m. to 5 p.m., CUH

8 Orchid Society Sale, 10 a.m. to 5 p.m., CUH

10 PS Mycological Society, 7:30 p.m., CUH

11 **Protecting Your Apple Tree,** 7 p.m., CUH
NHS Lecture, 7 p.m., CUH

14 **Protecting Your Apple Tree,** 10 a.m., Offsite

15 Northwest Perennial Alliance, noon, CUH
Cascade Cactus & Succulent Society, 2 p.m., CUH

17 Seattle Rose Society, 7:30 p.m., CUH

19 **Culinary Herbs,** 7 p.m., CUH

21 **Solar Electricity for Homeowners,** 9 a.m., CUH
Protecting Your Apple Tree, 10 a.m., Offsite

22 **Treasures of the Miller Library,** 7 p.m., CUH

25 **Flora of Seattle in 1850,** 7 p.m., CUH

JUNE

1 WA Butterfly Assoc., 7 p.m., CUH
Seattle Rhododendron Society, 7:15 p.m., CUH

2 **Soest Garden Talk,** noon, CUH
WA Native Plant Society, 7 p.m., CUH

3 Hardy Fern Foundation Sale, 1 to 7:30 p.m., CUH
Hardy Fern Foundation lecture, 7:30 p.m., CUH

4 Hardy Fern Foundation Sale, 10 a.m. to 2 p.m., CUH
Bamboo Society Sale, 10 a.m. to 4 p.m., CUH

6 **Library/Merrill Hall Drop-In Tour,** 7 p.m., CUH
Ornithological Society, 7 p.m., CUH

7 Seattle Rose Society, 7:30 p.m., CUH

8 NHS Lecture, 7 p.m., CUH
Plant Amnesty, 7 p.m., CUH

14 PS Mycological Society, 7:30 p.m., CUH

18 **Concrete Paver Class,** 10 a.m., CUH

FOR CLASSES AND PROGRAMS

To Register: Please complete and return the registration form, along with your payment to the Center for Urban Horticulture. You may also register by phone using Visa or MasterCard, 206-685-8033.

Refunds: Requests for refunds on events not attended must be made in advance in writing, by phone, fax, or in person. Requests received fewer than 7 days from the first class meeting have a 25% handling fee deducted. No refunds can be made after the first class meeting. If a program is cancelled for any reason, a full refund will be made to all enrollees. Refunds may take four weeks to process.

Returned Checks: A $25 service fee will be charged for returned checks.

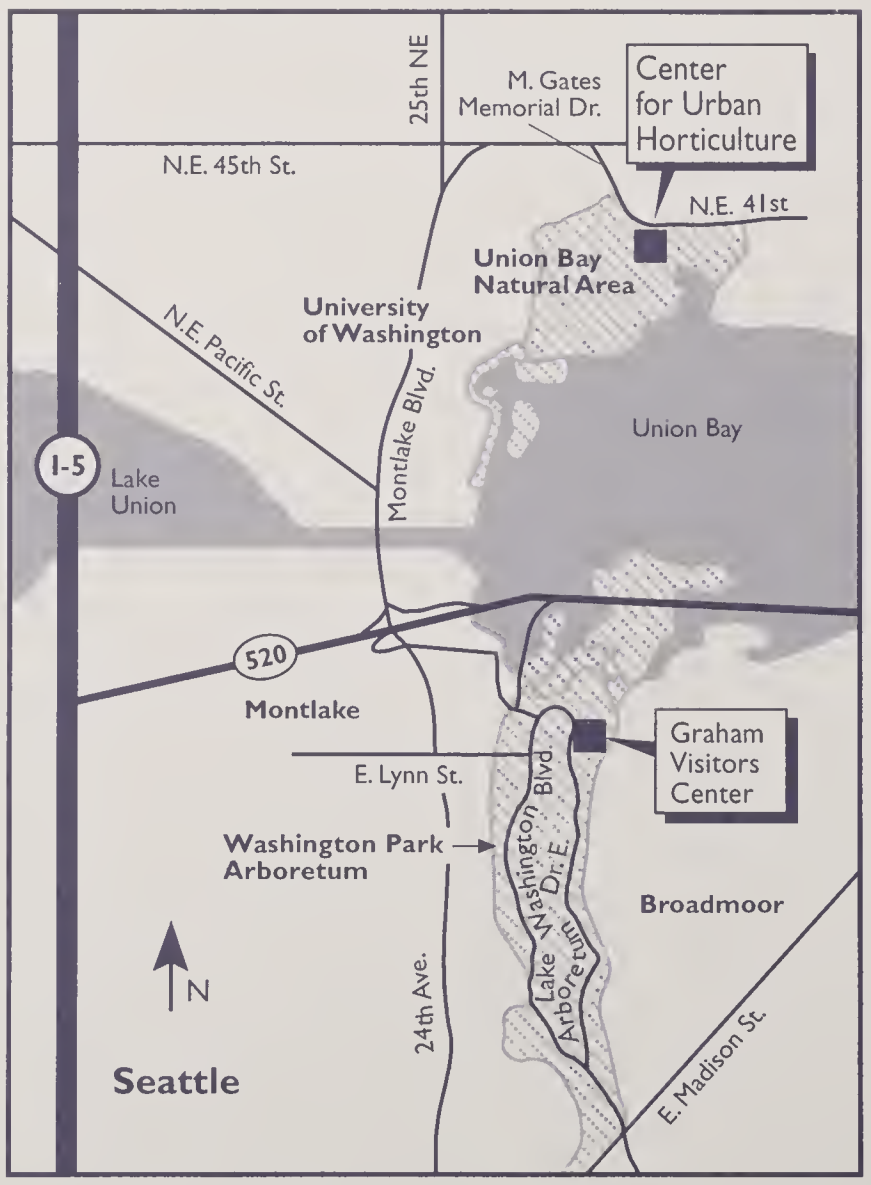
Special Needs: To request disability accommodation, please contact the Disability Services Office at least ten days in advance of an event: 206-543-6450 (voice); 206-543-6452 (TTY); or by e-mail at *dso@u.washington.edu*.

Class Locations and Parking: Program locations are listed with each program description. The Graham Visitors Center at Washington Park Arboretum is located at 2300 Arboretum Drive East. Douglas Classroom, NHS Hall and the other meeting facilities at Union Bay are located at 3501 N.E. 41st Street. Prepaid parking is located adjacent to the buildings.

Center for Urban Horticulture

Union Bay Campus
3501 NE 41st Street
Box 354115
Seattle, WA 98195-4115
206-543-8616 (phone)
206-685-2692 (fax)
www.urbanhort.org

Washington Park Arboretum
2300 Arboretum Drive East
Box 358010
Seattle, WA 98195-8010
206-543-8800 (phone)
206-616-2871 (fax)
www.wparboretum.org



PROGRAM	FEE	AF MEMBER	# PEOPLE	TOTAL FEE
HORTICULTURE PROGRAMS				
Write Your Garden for Publication or Pleasure, April 26	$25	$22		
Solar Tour of Seattle, April 30	$65	$65		
Mediterranean Garden Design, May 3	$25	$22		
The Art of Espalier, May 5	$25	$25		
Protecting Your Apple Tree, May 11 and May 14 or 21	$25	$25		
Solar Electricity for Homeowners, May 21	$40	$40		
The Flora of Seattle in 1850, May 25	$25	$22		
Landscape Construction: Concrete Pavers, June 18	$60	$60		
PRACTICAL GARDENING LECTURES				
Advice from the Tomato Expert, April 28	$10	$10		
Growing and Using Culinary Herbs, May 19	$10	$10		

TOTAL FEE $

PAYMENT

☐ Check (payable to *University of Washington*) ☐ Visa ☐ MasterCard

CREDIT CARD NUMBER EXPIRATION DATE

NAME ON CARD

GENERAL INFORMATION

NAME

ADDRESS CITY STATE ZIP

DAY PHONE EVENING PHONE

FAX EMAIL

Mail payment and registration to:
Urban Horticulture Courses
University of Washington
Box 354115
Seattle, WA 98195-4115

You may also register in person at:
Union Bay campus
3501 NE 41st Street
Mon.–Fri., 8:30 a.m. to 5:00 p.m. or
phone 206-685-8033

Registrations are filled in the order received. Enrollment is limited. Classes fill rapidly, so register early.

If you wish to receive electronic copies of this newsletter, go to [illegible]

director's notes

It is more than a year since I first visited the Center and the Arboretum and many months since I was appointed Director. The waiting to be enabled to immigrate to the U.S. has been frustrating for all of us; however, I arrive to find a wonderful new Merrill Hall, a superbly appointed Library and an Arboretum poised to implement its strategic masterplan. Above all I find a dedicated and hard-working staff, all of whom have welcomed me, not only to the organization, the college and the university, but also the city, the state, the country and even the hemisphere! I am delighted and honored to be here at last.

We have great plans but limited resources. Without our volunteers and the magnificent support of the Arboretum Foundation and the City of Seattle and - of course - our private and corporate donors, we could achieve little. I want to work with all stakeholders to build on the recent successes and the momentum gained, to bring the whole organization up to the world-class level it deserves.

Over the coming months we will analyze the whole operation with a view to formulating a mission and vision for our 'joint' organization. We will work closely with all parties to sharpen this once we are ready. All parts of the organization have common goals in public education, the highest standards of horticultural science and practice, conservation and restoration. I look forward to your input.

DAVID J. MABBERLEY, M.A. (OXON.), PH. D. (CANTAB.)
ORIN & ALTHEA SOEST PROFESSOR OF HORTICULTURAL SCIENCE
DIRECTOR, WASHINGTON PARK ARBORETUM, CENTER FOR URBAN HORTICULTURE, &
ELISABETH C. MILLER LIBRARY

UNIVERSITY OF WASHINGTON CENTER FOR URBAN HORTICULTURE

The CUH mission is "to apply horticulture to natural and human-altered landscapes to sustain natural resources and the human spirit."

- **Continuing and Public Education**
- **Douglas Research Conservatory**
- **Elisabeth C. Miller Library**
- **Otis Douglas Hyde Herbarium**
- **Undergraduate and Graduate Education**
- **Union Bay Gardens and Natural Area**
- **Rare Plant Care and Conservation**
- **Washington Park Arboretum**

CENTER FOR URBAN HORTICULTURE
3501 NE 41st Street
Box 354115
Seattle, WA 98195-4115
206-543-8616 (phone)
206-685-2692 (fax)
www.urbonhort.org

WASHINGTON PARK ARBORETUM
2300 Arboretum Drive East
Box 358010
Seattle, WA 98195-8010
206-543-8800 (phone)
206-616-2871 (fax)
www.wparboretum.org

URBAN HORTICULTURE NEWSLETTER, VOL. 22, NO. 2

CUH/WPA Continuing & Public Education Staff:
Sue Nicol, Outreach Coordinator
Sandy Kirchner, Assistant Outreach Coordinator
Jean Robins, Program Coordinator
Chris Berry, Education Coordinator (Youth & Community Outreach)
Shawna Zuege, Arboretum Education Program Assistant
Lisa Sanphillippo, Arboretum Education Program Assistant

CUH/WPA Building & Rentals Management Staff:
Becky Johnson, CUH Facilities Program Coordinator
Ray Larson, CUH Facilities Coordinator
Brett Mercier, WPA Building Services Coordinator

CENTER *for* URBAN HORTICULTURE
College of Forest Resources
University of Washington
3501 NE 41st Street
Box 354115
Seattle, WA 98195-4115

SPRING 2005

09-9615

NON-PROFIT ORG.
U.S. POSTAGE
PAID
SEATTLE, WA
PERMIT NO. 62